

**A Rule-Based System and Method for Checking Compliance of
Architectural Analysis and Design Models**

Abstract of the Disclosure

5 A method for extracting requirements of an
architectural software model comprises providing a use case
model as a directed graph of the architectural software
model comprising nodes corresponding to use cases and
relations between nodes, and creating, automatically, a
10 tree comprising a root node corresponding to an abstract
use case and at least one leaf node corresponding to one of
an abstract use case and a concrete use case.